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## PATENT COOPERATION TREATY



### **PCT**

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

	(FC1 Article 36 and Rule 70)				
Applicant's or agent's file reference	EOD EXTENSION See Notif	ionii o			
A31676A	FOR FURTHER ACTION See Notified Preliminary	ication of Transmittal of Internations Examination Report (Form PCT/IPEA/416			
International application No. PCT/JP2003/015790	International filing date (day/month/year)	Priority date (day/month/year)			
	10 December 2003 (10 12 2002)	10 December 2002 (10.12.2002)			
International Patent Classification (IPC) or G01N 33/68, 33/483, C12N 15/	ational classification and IPC	1002 (10.12.2002)			
	5, 1/21, 3/10, CU/K 14/435				
Applicant					
Applicant	RIKEN	·			
<ol> <li>This international preliminary exam and is transmitted to the applicant ac</li> </ol>	nation report has been prepared by this International to Article 36.	ational Preliminary Examining Authority			
Time REF ORT consists of a total of	3 sheets, including this cover sh	eet.			
This report is also accompanied by AND Transport					
amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consist of a total of sheets.					
to the following items:					
I Basis of the report		·			
II Priority					
III Non-establishment of	opinion with regard to novelty, inventive step	and industrial and the same			
IV Lack of unity of inver	ion	and industrial applicability			
Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;					
VI Certain documents cited					
VII Certain defects in the international application					
VIII Certain observations on the international application					
	and international application				
te of submission of the demand					
	Date of completion of thi	s report			
10 December 2003 (10.12.2	003) 11 Mar	11 March 2004 (11.03.2004)			
me and mailing address of the IPEA/JP	Authorized officer				
	Authorized officer				
simile No.	Telephone No.				
rm PCT/IPEA/409 (cover sheet) (July 1998)					



# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

1. With regard to the elements of the international application:*  the international application as originally filed  the description: pages pag	I. Basis of the report	PCT/JP2003/015790
the description: pages p	1. With regard to the elements of the international analysis.	
be description:  pages p	the international application as originally filed	
pages	the description:	
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the sequence listing part of the description:  pages  page	pages	, as originally filed
pages	pages filed with the letter	, filed with the demand
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With regard to the language, all the elements marked above were available or furnished to this Authority in the language in whice the international application was filed, unless otherwise indicated under this item.  These elements were available or furnished to this Authority in the following language whice which is:  the language of a translation flurnished for the purposes of international search (under Rule 23.1(b)).  the language of publication of the international application (under Rule 48.3(b)).  the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international application in written form.  filed together with the international application in computer readable form.  furnished subsequently to this Authority in written form.  flurnished subsequently to this Authority in computer readable form.  The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.  The amendments have resulted in the cancellation of:  the description, pages  the claims, Nos.  the drawings, sheets/fig  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**  This report has been established to the receiving Office in response to an invitation under Article 14 are referred to 40.10.17).  The preparament sheet containing such amendments must be referred to under item 1 and annexed to this report.		
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	PCT/IPEA/409 (Box I) (July 1998)	

#### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/JP 03/15790

V.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1.	Statement					
	Novelty (N)	Claims	1-23	YES		
		Claims		NO		
	Inventive step (IS)	Claims	1-23	YES		
		Claims		NO		
	Industrial applicability (IA)	Claims	1-23	YES		
		Claims		NO NO		

2. Citations and explanations

Claims 1-23

None of the documents cited in the international search report discloses or suggests a fluorescence indicator formed by binding fluorescent molecule constituents having substantially the same fluorescence characteristics to the N-terminal side and the C-terminal side of a target sequence which undergoes a change in three-dimensional structure when acted upon by the analyte; and such an indicator could not be deduced easily by a person skilled in the art.